

Auxiliary Heat Modules

DX ACCESSORIES



HMDL2-7 & HMBL2-7 Units Shown

Features

- Add-on electric duct heaters
- 1-4 kW, 115V and 230V models
- Low temperature, high surface-area rectangular heaters
- 2-stage temperature limit protection
- High temperature insulation

Auxiliary Heat Options

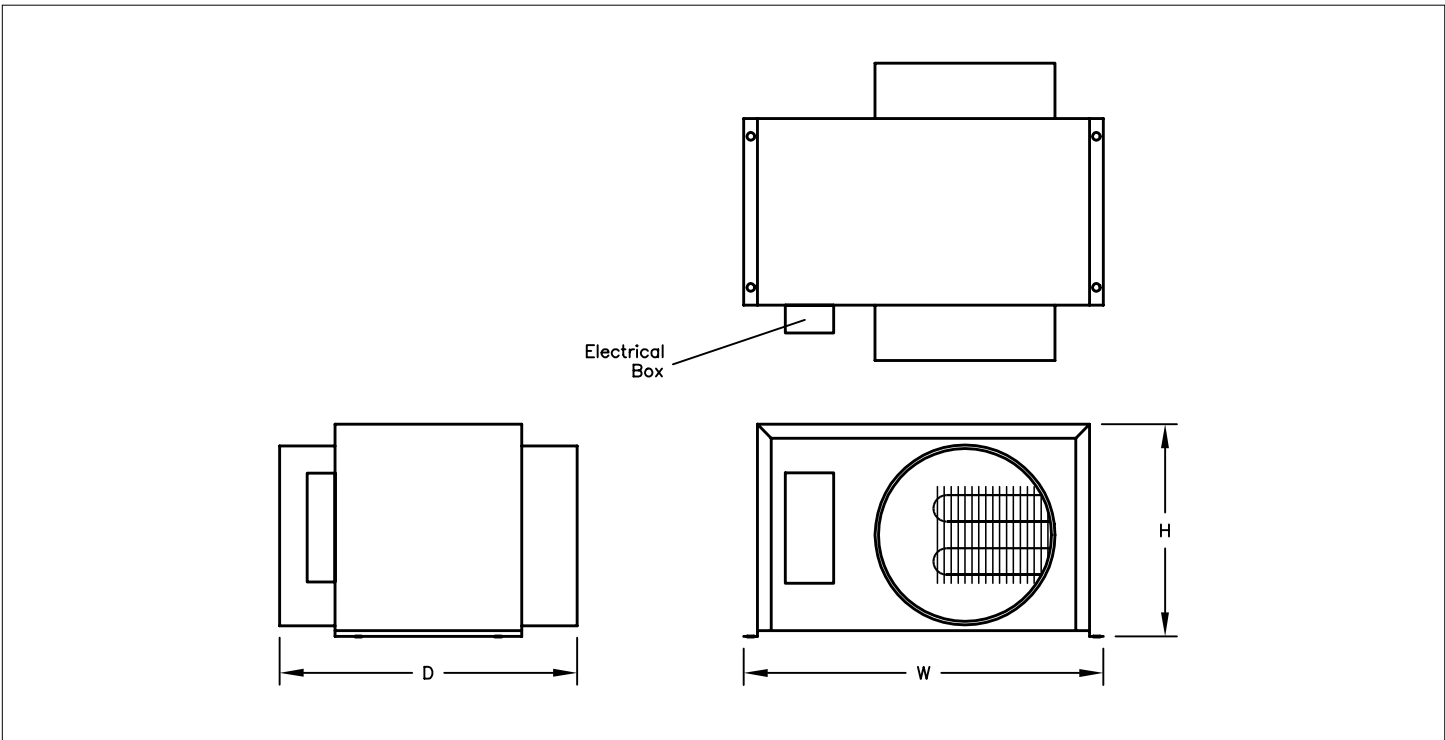
Cruisair auxiliary heat modules provide electric resistance heat when seawater temperatures are too cold for adequate reverse-cycle heating. The modules are installed in the discharge air ducting, after the cooling unit.

HMDL heaters consist of an insulated aluminum enclosure with inlet and outlet duct connections. Rectangular finned heaters are used which operate at a relatively low surface temperature and are safer than high-temperature wire coil heating elements that can ignite particles blown through the ducting. All Cruisair auxiliary heaters use a 2-stage thermal protection system to prevent dangerous overheating in case airflow is lost. The first cutout is an automatic reset switch at 140° F (60° C), and the second stage is a manual reset control that opens at 180° F (82° C). Other safety features include a fully insulated interior (per ABYC standards) so the outside of the heat module remains cool, and high temperature wiring used throughout.

Auxiliary heaters require a special control system. The SMX Net system has the software and hardware to operate the heater and is the recommended control. The SA5 4-knob rotary switch assembly will also control auxiliary heaters.

Also available are EHBO and EHBU cooling units with integrated auxiliary heaters. The HMBL heater is installed on the blower outlet of the EBS type cooling unit.

Cruisair[®]
Chill Out In Style



TECHNICAL SPECIFICATIONS

Model	kW	Voltage	Amps	Height (in/cm)	Width (in/cm)	Depth (in/cm)	Duct Size (in/cm)	Weight (lb/kg)
HMDL1-5 HMDL1C-5	1	115 230	9.0 4.2	7.0/18	12.0/30	10.0/25	5/125	4/1.8
HMD1.5-6 HMDL1.5C-6	1.5	115 230	13.5 6.3	7.6/19	13.3/34	10.0/25	6/150	4/1.8
HMDL2-7 HMDL2C-7	2	115 230	18.0 8.3	7.6/19	13.3/34	10.0/25	7/175	4/1.8
HMDL3C-8	3	230	12.5				8/200	
HMDL4C-9	4	230	16.5	9.5/24	15.4/39	12/31	9/225	8/3.6
HMBL2-7 HMBL2C-7	2	115 230	18.0 8.3	7.8/20	12.8/33	7.6/19	7/175	5/2.3

INTERPRETING MODEL NUMBERS

